

FIG. 1.

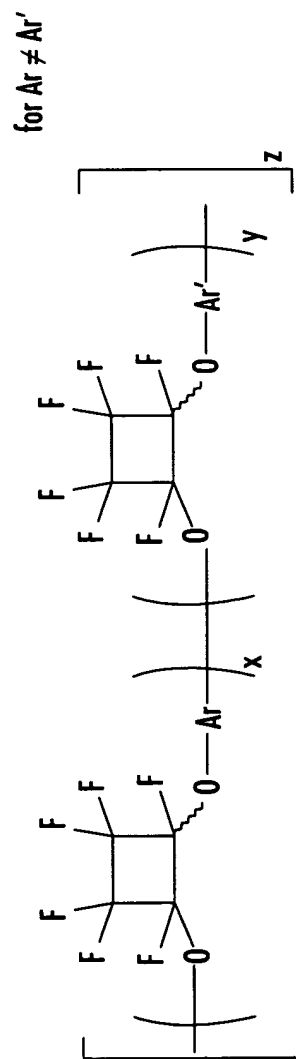
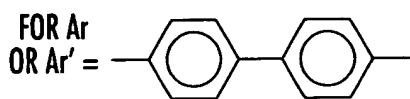
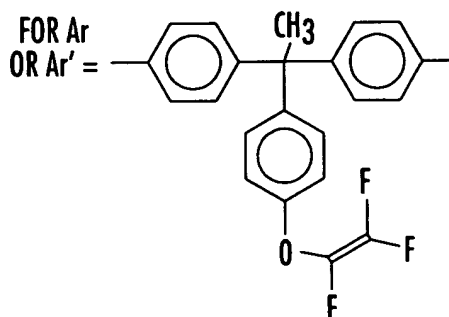


FIG. 1A.



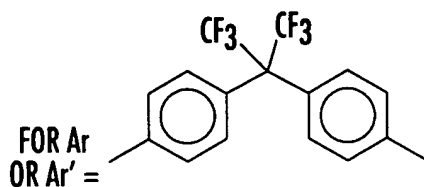
$T_g = 165\text{ }^{\circ}\text{C}$

FIG. 2A.



$T_g = 350\text{ }^{\circ}\text{C}$

FIG. 2B.



$T_g = 120\text{ }^{\circ}\text{C}$

FIG. 2C.

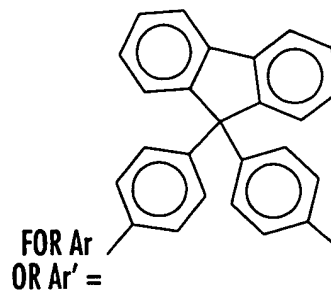


FIG. 2D.

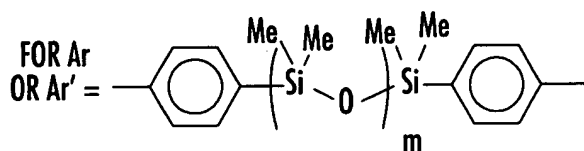


FIG. 2F.

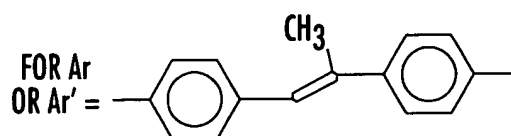


FIG. 2E.

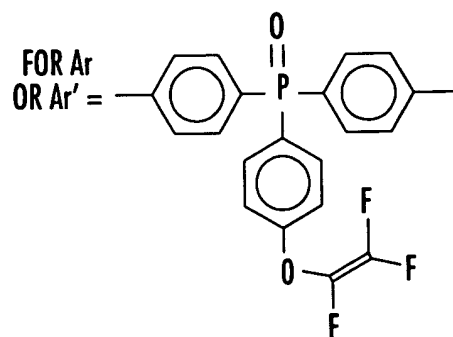


FIG. 2G.

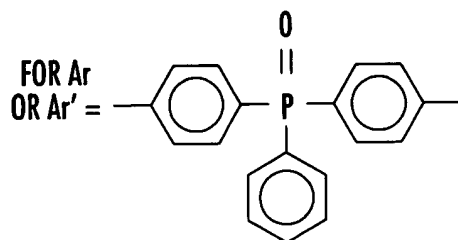


FIG. 2H.

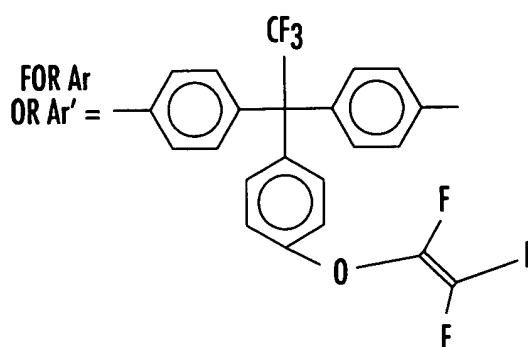
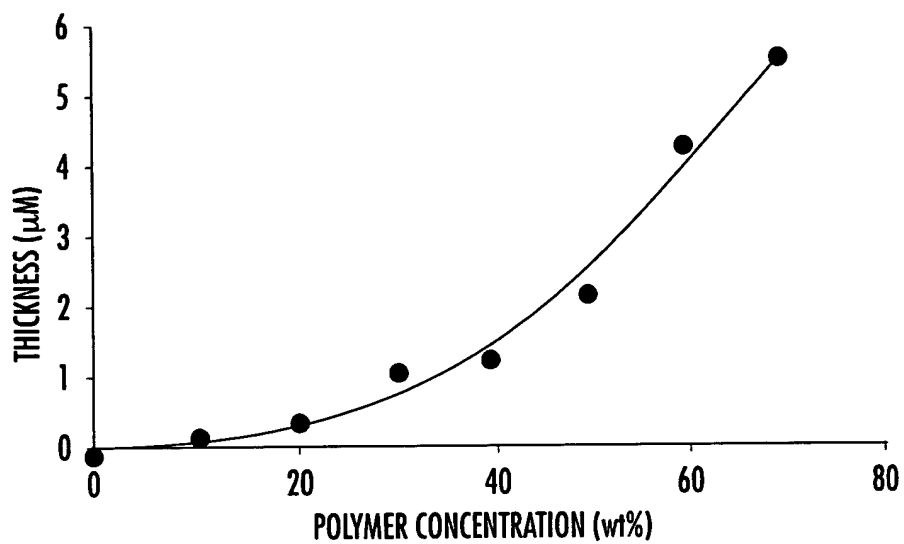
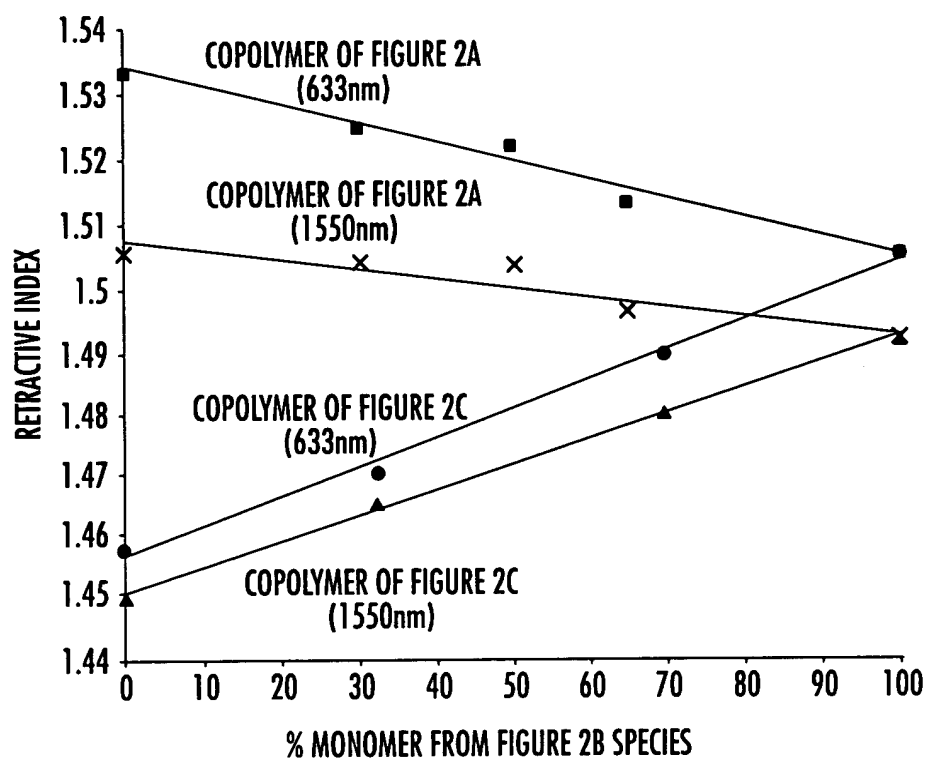


FIG. 2I.



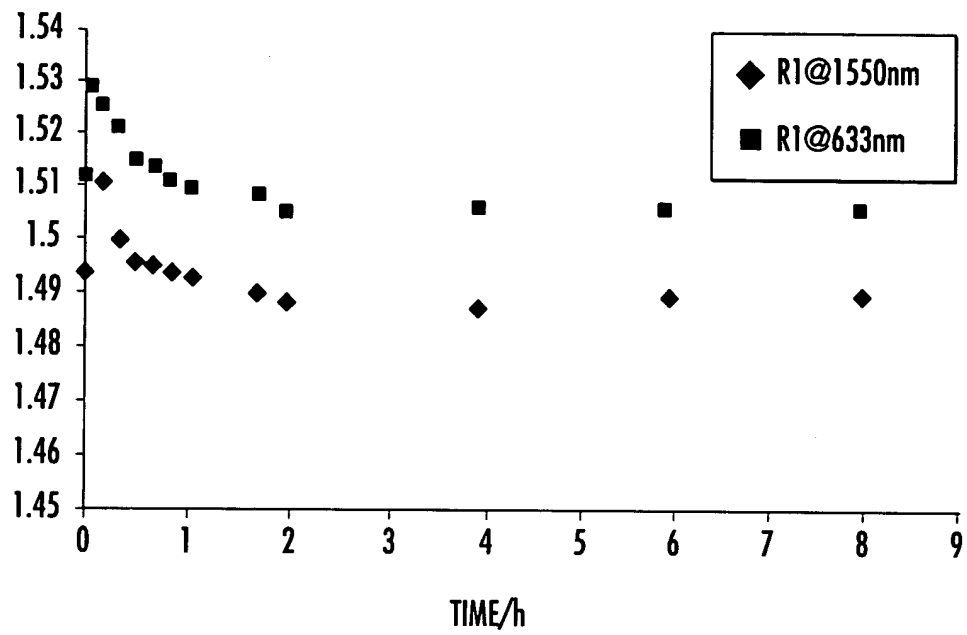
SPIN COATED FILM THICKNESS AT 600 RPM VS. WT.% COPOLYMER IN MESITYLENE FOR
COPOLYMER OF SPECIES OF FIGURE 2A/2B

FIG. 3.



REFRACTIVE INDEX VS. INDICATED COPOLYMER COMPOSITIONS AT 633 AND 1550 nm

FIG. 4.



REFRACTIVE INDEX VS. CURE TIME AT 200°C FOR THE MONOMER OF FIGURE 2B

FIG. 5.